

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 January 2005 (27.01.2005)

PCT

(10) International Publication Number
WO 2005/007581 A1

(51) International Patent Classification⁷: C02F 1/32, 1/72

(21) International Application Number:
PCT/CA2004/001045

(22) International Filing Date: 15 July 2004 (15.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/487,947 18 July 2003 (18.07.2003) US

(71) Applicant (for all designated States except US): GROUPE
TRAIMTECH INC. [CA/CA]; 4790 rue Martineau, Suite
100, Saint-Hyacinthe, Québec J2R 1V1 (CA).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MIOUSSE, Danielle
[CA/CA]; 749B, Avenue de l'Abbé-Théorêt, Apartment

17, Ste-Julie, Québec J3E 1R9 (CA). **BIASOTTO, Fabi-
enne** [CA/CA]; 3525, rue Swail, Apartment 12, Montréal,
Québec H3T 1P5 (CA). **LABBÉ, Serge** [CA/CA]; 910
Charles-Roy, Boucherville, Québec J4B 3Y5 (CA).

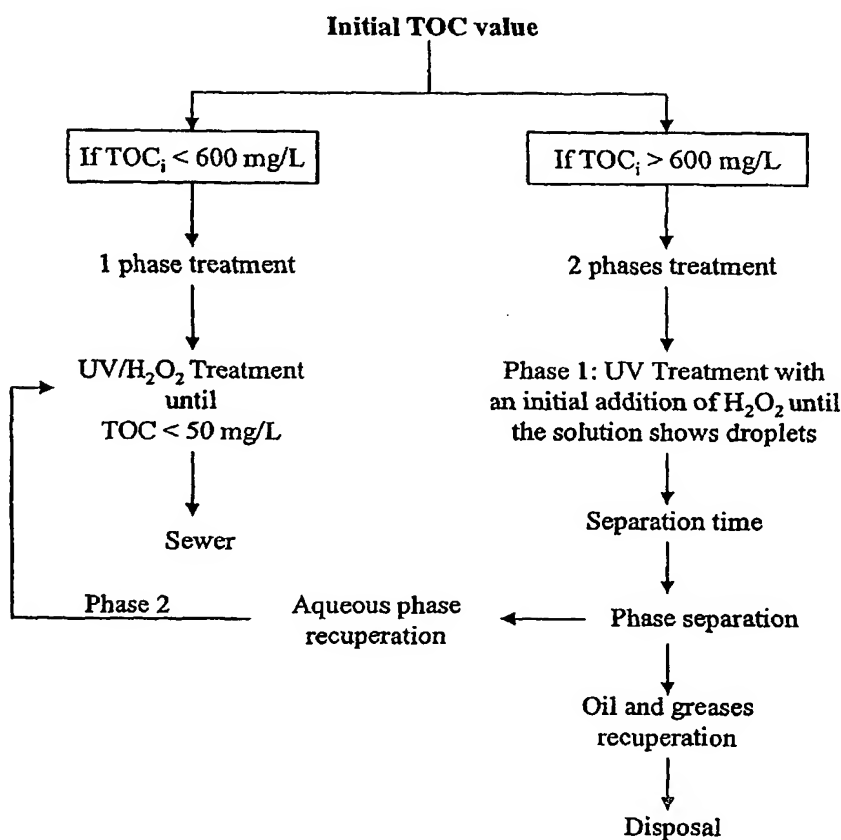
(74) Agent: **OGILVY RENAULT**; Suite 1600, 1981 McGill
College Avenue, Montréal, Québec H3A 2Y3 (CA).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: NEW OXIDATION PROCESS FOR WATER TREATMENT



(57) Abstract: The present invention relates to a process for the treatment of water containing a contaminant, said process comprising the steps of: (a) adding a sufficient quantity of hydrogen peroxide to the water; and (b) radiating the water with ultraviolet rays during a sufficient time for allowing decomposition of the contaminant until said treatment is achieved.



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.